

Title (en)

DUAL FUEL NOZZLE SYSTEM AND APPARATUS

Title (de)

ZWEISTOFFDÜSENSYSTEM SOWIE VORRICHTUNG

Title (fr)

SYSTÈME ET APPAREIL DE BUSE À DEUX COMBUSTIBLES

Publication

EP 3036482 B1 20201021 (EN)

Application

EP 14838205 A 20140819

Priority

- US 201361867869 P 20130820
- US 2014051582 W 20140819

Abstract (en)

[origin: WO2015026760A1] In various embodiments, a dual fuel nozzle (200) for use in a gas turbine engine is provided. The nozzle may be configured to supply and gas and a liquid. The dual fuel nozzle (200) may include an interior wall (217). The interior wall (217) may include a shoulder (219). The shoulder (219) may include one or more gas ports (216). Gas may be discharged through the gas ports (216) and penetrate a mixing zone.

IPC 8 full level

F23R 3/36 (2006.01); **F02C 7/22** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

F23C 1/08 (2013.01 - US); **F23D 14/48** (2013.01 - US); **F23R 3/286** (2013.01 - EP US); **F23R 3/36** (2013.01 - EP US); **F23D 2900/11101** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015026760 A1 20150226; EP 3036482 A1 20160629; EP 3036482 A4 20170503; EP 3036482 B1 20201021; US 2016201897 A1 20160714

DOCDB simple family (application)

US 2014051582 W 20140819; EP 14838205 A 20140819; US 201414913056 A 20140819